

Klein, E.
**THE RELATIONS BETWEEN THE BLACKENING AND
THE SIZE OF THE DEVELOPED UNITS OF SILVER.**
[1964] [22]p. 9 refs.
Order from SLA \$2.60

62-14093

Trans. of Zeitschrift für Elektrochemie (West
Germany) 1958, v. 62, no. 9, p. 993-999.

DESCRIPTORS: *Colors, *Silver, Measurement,
*Electron microscopy, Chemical analysis, Colloids,
*Photographic emulsions, Particle size.

(Materials--Photographic, TT, v. 10, no. 11)

62-14093

1. Klein, E.

A25486.

Office of Technical Services

Properties of Vacuum-Treated Steels, by C. H.
Pottgiesser, A. Wieber, E. Klein.

GERMAN, per, Stahl und Eisen, Vol LXXIX, No 8,
1959, pp 468-472.

HB 4604

Sel - Min/Mat

Nov 59

100,341

I. Klein, E. E.

THE OXIDATION OF GLUTAMIC ACID AND ITS
QUANTITATIVE DISTRIBUTION IN VARIOUS PARTS
OF THE BRAIN. [1962] (11) p. 11 refs.
Order from OTS or SLA \$1.60 62-20324

Trans. of Akademiya Nauk Gruziatskoi SSR [Tiflis].
[Sobeshcheniya] 1954, v. 15, [no. 1] p. 13-20.

DESCRIPTORS: *Oxidation, *Glutamic acid, *Brain,
Quantitative analysis, Distribution.

The oxidation reaction of glutamic acid proceeds at a
greater rate in the dendritocellular mass (grey matter)
than in the axons (white matter). The intensity of the
reaction depends on the functional nature of the par-
ticular area. Greatest intensity is demonstrated by
dendrito-cellular masses of those parts which are
associated with motor functions. The distribution of
the substrates of the reaction, is uniform between the
various parts, irrespective of function. (Author)

62-20324

I. Klein, E. E.

62-20324

(Biological Sciences -
Biochemistry, TT, V. 1, no. 10)
Office of Technical Services

Recombination Paths of the Adenylic System in Nerve
and Muscle Tissues, by P. A. Komstiani, E. E.
Klein, 8 pp.

RUSSIAN, bio per, Biochim, Vol XII, No 3,
1956, pp 389-396.

Consultants Bureau

801 - Biol
Chem

45, 511

Klein, E. E.
SOURCES OF AMMONIA FORMATIONS IN BRAIN
TISSUE. [1962] [1]p.
Order from SLA \$1.10

62-14732

[Summary] trans. of unidentified Russian (?) article,
n.p., n.d.

DESCRIPTORS: *Brain, Tissues (Biology). *Ammonia.
*Adenine derivatives, Glutamic acid, Glutamases.

(Biological Sciences--Biochemistry, TT, v. 8, no. 7)

62-14732

1. Klein, E. E.

Office of Technical Services

Formaldehyde Copolymer, by E. T. Klein,
11 pp.

JAPANESE, Patent No 2194, 12 Mar 1960.

~~ATS-228427~~

ATS/JJ-2499

Sci
Vol IV, No 7
Apr 62

192,639

The Chemical Composition of the Nucleic Acids of
Malignant Tissue, by G. Klein, J. Beck, 24 pp.

GERMAN, per, Z Krebsforsch, Vol. XLII, 1933,
pp 163-177.

SIA Tr 57-403

Sci - Chem; Med
Jul 57

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Klein, G. and Herndlhofer, E.
MICROCHEMICAL DETECTION OF ALKALOIDS
IN PLANTS, II. [1962] 12p.
Order from K-H \$15.00 K-H 4078

Trans. of Österreichische Botanische Zeitschrift
(Austria) 1927, v. 76, p. 222-228.

DESCRIPTORS: Microchemistry, *Plants, *Alkaloids,
*Detection (Chemical).

(Chemistry--Analytical, TT, v. 8, no. 10)

62-22496

I. Klein, G.
II. Herndlhofer, E.
III. K-H-4078
IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

0226345

Office of Technical Services

1. Exploitation of the Breakthrough by Large Mobile Units, by D. Nikishov, 23 pp; 2. Control of a Tank Corps When It Is Committed in a Breakthrough, by G. Klein, 10 pp., ~~SECRET~~ UNCLASSIFIED

Full translation.

RUSSIAN, per, Voennoye Mysl', No 4, 1944, p 3, No 8, 1943, p 32.

ID OSUSA G-791-C (1-2)

USSR

Military

May 53 CTS

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The Application of the Method of "Compensation of Moments" in the Calculation of Pipes and Arches, Allowing for the Plastic Properties of Ferro-Concrete, by G. K. Klein.

RUSSIAN, per, Beton i Zhelezobeton, No 2, 1956, pp 59-64.

NLL M. 2579

Sci - Engr

61-23394

Nov 61

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Tentative Standards for Disintegrating Property
Solubility and External Nature of Moulded
Drugs and for the Type of Substances Permitted
for the Manufacture of these Preparations, by
J. Richter, H. Klein,

GERMAN, per, Pharmazie, Vol XII, No 4, pp 190-
194, 1957

C.S.I.R.O.

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Sci - Med

May 60

Metal Sheets and their Development for Quality,
by H. Klein, 13 pp.

GERMAN, per, Stahl u Eisen, Vol LI, 12 Feb 1931,
pp 189-196.

SLA 57-3091

Sci

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**The Physical and Mathematical Basis for Calculating
the Cooling of the Ingot in Continuous Casting
by Means of Difference Equations, by
E. Klein,**

CHURCH, per, Cincereci, No 10, March 1953,
pp 441-454.

23,610

S.G.A. 1252
Aluminum Lab, LBS,
Tr No 2-52-123-74,
CR/1149

Scientific - Mathematics

May 55 CPM

High Grade Threaded Joints, by Hans Cristof
Klein,
GERMAN, per, Konstruktion in Maschinen-Apparate-
und Geratebau, Vol XI, No 6, 1959, pp 261-212;
No 7, 1959, pp 259-264,
Dept of Navy /Navships Tr-1004

Cristof Klein

APPROVAL OF COMMANDER, NAVAL SHIP COMMAND SYSTEM
Sec 66, Indust, Civil & Marine Engr
315,543

Investigation of the Influence of Friction on the
Preload Tension and Starting Moment of Screw Joint:
by H. Kellerman, H. C. Klein.

GERMAN, per, Konstruktion, No 2, 1955.

REF 2480

Sci - Eng

Mar 62

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Starting Torques for Tightening Bolted Joints, by
R. Kellermann, H. Ch. ~~Glein~~
^K

GERMAN, per, Werkstattstechnik, No 4, 1960, pp
192-195.

BISI 1787

Sci - Engr

Oct 60

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Gestagenic Action of Desoxycorticosterone and
Testosterone, by I. Klein, G. K. Ober, 6 pp.

Full translation.

GERMAN, per, Klin Wochschr, Vol. XXX, 1952, pp 1009-11.

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Scientific - Chemistry

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Jul 55

Klein, Isabel Miriam and Tyran, Leo Walter.
COMPOSITIONS BASED ON COPOLYMERS OF
ETHYLENE AND VINYL ACETATE. [1963] 8p
Order from OTS, SLA, or ETC \$1.10 TT-63-20841

Trans. of French patent 1,323,377, 25 Feb 63,
PV no. 896,809, filed 23 May 62 (filed in U.S.A. as
no. 112,787, 24 May 61) by E. I. DuPont de Nemours
and Co., USA (pub. in Bulletin Officiel de la Propriete
Industrielle (France) 1963, no. 16).

(Materials--Adhesives, TT, v. 11, no. 11)

TT-63-20841

I. Klein, I. M.
E. Tyran, L. W.
III. Patent (France) 1 323 377

1280848

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Oligosymptomatic infectious lymphocytosis, 46
by Dr. S. Klein
RUSSIAN, per, Probi Const, Vol 7, No 8,
1962, pp 55-56.
IGM MIN 2-19-66

Dr. S. Klein

Sci/B64
Apr 66

Iu.

208,442

Experimental and Clinical Investigations of ³⁷
the Choloretic Action of α -Naphthyl Acetic
Acid and p-Tolylmethylecarbinol Nicotinic
Acid Ester, by G. Mitsenberger, K. Klein.
GERMAN, per, Wiener Medizinische Woch-
enschrift, Vol 108, No 23, 1958, pp. 504-7.
NYC 69-11583-060

K. Klein

Sci-B&M

July 69

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Clinical Experiences with 2-Piperidine-Ethyl-
2-Carboxylic Acid Hexanone-Benzyl Ester
(Hydrochloride), by K. Klein.
GERMAN, per, Wiener Medizinische Wochen-
schrift, Vol 108, No 8, 1957, pp. 176-8.
NTC 69-11581-060

K. Klein

Sci-B&N
July 69

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Experiments Concerning the Effect of RA 8
Upon Circulation and Pulmonary Function,
and Clinical Experiences, by H. Hemmerl,
K. Klein, O. Ekhler, 12 pp.

GERMAN, per, Arztlich Forsch, Vol XIII,
No 4, 1959, pp 196-200.

MTS-76420

Sol
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Vol 4, No 9

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Klein, Lewis, ed.
DISPERSION RELATIONS AND THE ABSTRACT AP-
PROACH TO FIELD THEORY. International Science
Review Series, Vol. 1. 1961, 288p.
Order from GB \$4.95

Compilation of new material including the classical
papers of Lehmann, Symanzik, Zimmermann and Jost.

DESCRIPTORS: *Quantum mechanics, Theory.

61-25020

- I. Title: Dispersion relations
- I. Klein, L., ed.
- II. Title: International...
- III. Gordon and Breach,
Publishers, Inc.,
New York

Absorption of Neostropine, Pilocarpine and
Everine, by Miklos Klein, 13 p.

CHRON, manuscript, Archiv für Ophthalmol, 1934,
Vol CXXXI, No 1, pp 23-31.

ELA 60-10303

Sci
Apr 60
Vol III, No 3

112,061

Absorption of Atropine, by Miklos Klein,
24 p.

GERMAN, per, Graefe's Arch Oph thelmal , 1933,
Vol CXXX, No 3, pp 413-425.

SLA 60-10906

Sci
Apr 60
Vol III, No 3

14,597

Experimental Studies of the Eye in Regard to
Absorption from Ointments, by H. Klein,
L. Scheffer, ~~85~~⁸⁶, p.

CHESMAN, manuscript Arch Ophthalmol, 1932, Vol
Vol CXXXIII, No 3, pp 466-471.

SLA 60-10907

Sci
Apr 60
Vol III, No 3

112,062

Klein, O. and Lange, E.
NORMAL VOLTAIC POTENTIALS $\Delta\psi$ OF THE
MOST IMPORTANT ELECTROCHEMICAL TWO-
PHASE SYSTEMS, ESPECIALLY OF THE ELEC-
TRODES: METAL/METAL SALT SOLUTION. [1961]
22p.

Order from ATS \$36.95

ATS-10NS4G

Trans. of Z[eitschrift für] Elektrochem[ie] (Germany)
1937, v. 43, no. 8, p. 570-584.

DESCRIPTORS: *Electrochemistry. Phase studies,
Voltage. Electric potential, Electrodes, Electrolytes,
Solutions.

(Unannounced)

61-25660

- I. Klein, O.
- II. Lange, E.
- III. ATS-10NS4G
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

61-25660

Office of Technical Services

Normal Volta Potentials ^{1/2} of Electrochemical
Two-Phase Systems Along with a Contribution
to the Time-Dependent Changes of the Surface
Structure of Highly Concentrated Electrolyte
Solutions, by O. Klein, E. Lange, 10 p.

GERMAN, per, Zeit Elektrochem, 1958, Vol XLIV,
No 8, pp 562-568.

PTS-483-55
AMS-27L336

109,553

Sci
Mar 60 Vol 2, No 11

The Representation of Fixed Complement With Mixed
Anti-Complement, by P. Klein, P. Burkholder.

GERMANY, per, Schweizerische Zeitschrift für
Allgemeine Pathologie und Bakteriologie, Vol XXII,
1959, pp 729-731. (text in German language) 907324

USDA

Sci - Medicine
19/12/60

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Viruses Isolated from Monkeys with Special
Reference to the Simian Vacuolate Virus
40 (SV 40), by A. Fenyves, R. Klein.
ROMANIA, per, Studii si Cosectari de
Inframicrobiologie, Vol 14, 1963, pp 783-799.
JPRS 650: NY 13641

C-435/67

Sci-842
Mar 67

320,918

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I. Recent Research on Experimental Leukemias; II. Attempt at Interpretation of the Origin of Leukemias and Other Cancers. A Synthetic Theory. The Mitochondrial Theory, by R. Klein, 20 pp.

FRENCH, per, 2e Le Sang, Vol XXIII, No 9, 1952, pp 771-779.

Nat Inst Health

WEur - France

Scientific - Medicine

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Problems in Preparation and Preservation of Texts,
by R. Klein,
RUSSIAN, part, OTHER TEXTS, Vol XXII, 1962,
pp 16-23.
Dept of Navy/INAC

sci- B & M
Aug 66

Klein, R.

Klein, Rudolf and Wegner, Udo.
MODERN IDEAS ON TRACKLAYING USING J-FLEX
AND T-FLEX SPRING SPIKES. [1958] (13p).
Order from SLA \$1.60

61-16217

Trans. of [ETR] Eisenbahntechnische Rundschau
(West Germany) 1957, no. 7, p. 266-273.

DESCRIPTORS: *Railroad tracks, Steel, Heat treat-
ment, Elasticity, Damping, Friction, Load distribu-
tion, *Studs, *Connecting rods, Springs, Design.

J-Flex and T-Flex spring spikes represent the fulfill-
ment of a plan to provide a firm connection between
rail and sleeper with adequate elasticity and damping
ability and little bulk, the load causing changes in
shape with a minimal wear, which being calculated
accurately to meet the requirements, will give a long
life. In J-Flex and T-Flex spring spikes all scientific
(Machinery--Transport, TT, v. 7, no. 4) (over)

61-16217

1. Title: J-flex
2. Title: T-flex
3. Title: Spring spikes

- I. Klein, R.
- II. Wegner, U.

191055

Office of Technical Services

91
Device for Converting the Ionizing
Energy, Emerging From a Nuclear
Reactor, Into Electricity, by
S. Klein, P. Kraus.

FRENCH, pp8, Paper Presented at the 6th
AGARD Combustion and Propulsion
Colloquium, Cannes, March 16, 20, 1964.
NASA TT F-8898

S. Klein

Sci-Elect
Mar 66

297,361

Klein, S.
THE DIRECT CONVERSION OF THERMAL ENERGY
INTO ELECTRICAL ENERGY. [1963] [21]p. (Foreign
text included) 2 refs.
Order from SLA \$2.60

63-14377

K-H-12511

Trans. of International Conference on Ionization Phenomena in Gases (no. 5) Munich, 1961. Proceedings, p. 806-814.

DESCRIPTORS: *Energy conversion, *Thermoelectricity, Ionization, Vapors, Mercury, Electrodes, Temperature, Tests, Measurement, *Electricity

We have been able to establish an important separation of positive and negative electric charges in a jet of ionized vapour, metallic or otherwise (mercury, cesium and water) which tends to condense at room temperature. These pressurized vapours, ionized by an H. F. source, enter through a vent into an expansion chamber. (Physics--Electricity, TT, v. 10, no. 4) (over)

63-14377

1. Klein, S.

35

Office of Technical Services

The Direct Conversion of Thermal Energy 49
into Electrical Energy, by S. Klein.
RUSSIAN, rpt, Proceedings 5th Int Conf.
Ionization Phenomena in Gases, Munich, 1961,
pp 806-814, 9290396
ABC-B&L-Tr-29

Klein, S.

Sci - Elec
Dec 65

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A Process for Conversion of Ionizing
Energy From a Nuclear Reactor into
Electricity, by Siegfried Klein.
FRENCH, rpt, Proc 6th Int Conf on Ionisation
Phenomena in Gases, Vol IV, 1963, pp 537-541.
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AEC- ENL-Tr-28

Siegfried Klein

Sci-Phys
Dec 65

393,356

Conversion into Electricity of the Ionizing Energy
Produced by a Nuclear Reactor, by Hegfried Klein,
11 pp.

FRENCH, rpt. Sur un Procédé de Conversion en Electricité
D'Energie Ionisante Issue d'un Reacteur Nucleaire.

Nov 1964.

Navy Tr 4049/Buships Tr 826

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Mar 65

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Contribution to the Study of Finance,
by Jean Bédaride, August 1961
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Schwartz, Vol 20, pp 1110-1114, 1961
JFC 200, JF-40 920000

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Siegfried Klein

Sci-Cross
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Validity of Measurement of Electron Temperature
in a Plasma by Means of Langmuir Probe in
Contact with a Cold Wall, by Siegfried Klein,
Siegfried Klein.

FRENCH, par, Comptes Rendus Académie des
Sciences, Paris, Vol 282, pp 1218-1221, 1976
EC 82L-Tr-7 922607

Siegfried Klein

EC-Phys
Nov 66

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Klein, Siegfried.

ELECTRICITY: ON AN EFFECT OF DIRECT CON-
VERSION OF HEAT TO ELECTRICITY (Electricite -
Sur un Effet de Conversion Directe de la Chaleur en
Electricite). [1963] [5p. (foreign text included) 3 refs.
Order from SLA \$1.10 63-14376

Trans. of Academie des Sciences (Paris). Comptes
Rendus (France) 1963, v. 254, no. 1, p. 1946-1947
(pub. by Gauthier-Villars et Cie., Paris).

DESCRIPTORS: *Electricity, *Energy conversion,
ionization, Vapors, *Thermoelectricity.

(Physics--Electricity, TT, v. 10, no. 4)

63-14376

- I. Klein, S.
- II. Title: On ...

234

Office of Technical Services

Klein, U. E.
**PULMONARY TISSUE TRANSFORMATIONS BY
TOBACCO SMOKE CONDENSATE IN ANIMAL
EXPERIMENTS.** [1943] 12p. (Sig. animal) 23 refs.
Order from SLA \$1.40 68-16468

Trans. of Beitrage zur Tabakforschung [sic] 1942,
no. 5, p. 180-185.

DESCRIPTORS: Tissues (Biology). *Lungs. *Tobacco,
*Smokes, Laboratory animals, Toxicity, Cigarettes.

After an introductory literature survey on the question
of inducing lung cancer in animal experiments by the
direct inhalation of tobacco smoke or by intrapulmonary
application of smoke condensates, a method is described
for the single pertracheal introduction of smoke con-
densate into the peripheral sections of the bronchial
system of rats. A histological examination of the lungs
(Biological Sciences--Tumors, TT, v. 16, no. 7(over))

68-16468

I. Klein, U. E.

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Office of Technical Services

The Behaviour of Travelling Wave Tubes in the
Dispersive Region of the Slow-Wave Structure, by
W. Klein, W. Friz, 20 pp.

GERMAN, per, Archiv der Elektrischen Übertragung,
Vol VII, 1953, pp 236-248. CIA9017115

AC8IL Tr 926

Sci - Physics
Apr 58

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The Use of Hole Coupling in the Centimetre Wave-
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No 1, 1952, pp 5-9.

CIA/FDD/Z-69

Scientific - Electronics
CTS/DEX

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Twin Formation in Silver Halogenide
Crystals of Photographic Emulsions,
by S. Klein, et al.

GERMAN, per, Miss Forschungsbild Arch
Leverkusen-Munchen, Vol IV, 1964,
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Chem Trans Sv No 2227

B. Klein

Sci-Chem
Mar 67

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Summary of Present Concepts of Spectral
Sensitization, by E. Klein, R. Matejcek.

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pp 16-37.

Chem Trans Sv No 2100

E. Klein

Sci-Chem
Mar 67

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Growth and Crystal Form of the Silver
Halide Crystals of Photographic
Emulsions, by E. Klein, E. Meiser.
GERMAN, per, Mitt. Forschungslab. Agfa
Leverkusen-Munchen, Vol IV, 1964,
pp 38-64.
Chem Trans Sv No 2226

E. Klein

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Mar 67

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New Building Systems For Dwellings-the
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GERMAN, par, ~~Concept~~, Vol 10, No 23-24,
1958, pp 933-940.
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F. Klein

Sci -
Jul 67

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A Helix Linear Accelerator for Electrons as a ¹³⁴
Model for a Proton Accelerator, by Horst Klein,
23 pp.
GERMAN, per. Zeit. Angew. Phys., Vol 18, 1964,
pp 143-149.
AECL-2287

Horst Klein

Sci/Physics
Apr 67

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48
Polygraphic Study of Sleep in Birds, by
H. Klein, et al,
FRENCH, JER, C R Sec Biol, Vol CLVIII, No 1/6,
1964, pp 99-103.
REF ID: A-20-67

Sci-557
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Normal Volta Potentials of the More Important
Electro-Chemical Two-Phase Systems, In Particular
of Metal Electrodes in Metal Salt Solutions, by
O. Klein, E. Lange.

GERMAN, per, Zeitschrift für Elektrochemie.
Vol. 43, No. 8, 1937, pp 570-584

O. Klein

Sci -
Aug 67

355-304

Normal Volta Potentials $\Delta\phi$ of the More Important
Electro-chemical Two-phase Systems, in Particular
of Metal Electrodes in Metal Salt Solutions, by
O. Klein, E. Lange.

GERMAN, per, Zeitschrift für Elektrochemie, Vol 43,
No 8, pp 570-584, 1937.
CSIRO/No. 6636

O Klein

Sci -
Aug 67

335,172

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On A Process of Conversion into Electricity
of the Ionizing Energy Produced by a Nuclear
Reactor, by S. Klein.

FRENCH, per, Comptes Rendus, Vol 258,
No 10, 1964, pp 2767-2770.

NTC 69-12443-18L

S. Klein

Sci-Nucl Sci
Aug 69

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Experimental Studies on the Enkeleic Metabolism, 47
by W. Klein.

GERMAN, per. Enkeleic Metabolism, Vol
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Klein, W.

Sci-III

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Direct Beam Transmission Tests Over a Long
Distance in Optical Visibility Between France
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1 Nov 1953, Berne/Paris, Encl to Rpt R-504-53.

ID 1193/33

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Scientific - ~~Electricity~~

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CIA 2210303

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On the Dimensions of Helices in Travelling
Wave Tubes, by Werner Klein, 11 pp.

GERMAN, per, Archiv der Elektrischen Übertragung,
N Vol X, 1956, pp 261-265. CIA 9014838

SL 57-3254
ACBIL Tr 925

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Sci - Physics
Jan 58

Measurement of the Major Parameters Governing
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GERMAN, per, Archiv der Elektrischen Übertragung
Vol VIII, 1954, pp 404-410. CIA 9030915

ACSIL Tr 924

Sci - Electronics
Aug 58

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Centrifugal Pump With a Stuffing Box Relieved From
Ex Pressure, by Wilhelm Klein, 4 pp.

GERMAN, Patent No 708,593.

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Patent Office
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Sci - Engineering
Jan 59

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Development and Testing of After-Treatment
Agents for Skin Grafts, by E. Kleinert.
CHIRUR, par, ~~Stuttgarter~~, Vol 13, No 11,
1962, pp 324-325.
HTO-69-16360-13C

H Kleinert

Sci-Mech
Feb 70

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R. Klement

Composition of bone support substance. 12 pp.
GERMAN, Z. Physiol. Chem. Vol 184, 1929, pp 132-142
NASA TT F 13,916

jan 73

Isotope Separation in Molecular Pumps, by W. Fischer,
A. Klemm, 22 pp.

GERMAN, per, Z. für Naturforschung, 14a, 1959, pp 851-.

CIA/FDD X-4972
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Separation of Isotopes by Ionic Migration by
A. Klemm, 19 pp.

GERMAN, per, Physikertag Wiesbaden, Vol III,
1955, pp 73-89.

AEC-tr-5926

Sci - Nuc Sci
Oct 63

240, 282

Préparation et Utilisation du Lithium Marichi en
6Li et du Lithium Marichi en 7Li, (Préparation and
Utilisation of Lithium in Li⁶ and Lithium Marichi in
Li⁷), by A. Klenk, 12 pp.

CHRON to FRANCE, par, 2 Elektrochem, Vol LVIII,
1954, pp 609-610.

Reverse Trans
CMA Tr-A-863

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J-582/64

On the Theory of Phase Segregation and Its Application
to the Phenomena Precipitation Hardness and Strength
at High Temperatures, by E. Klenz, 4308.

GERMAN, per, Metall, Vol XVII, No 2, 1963,
pp 113-123.

9
JPRS/DC-10508/SPECIAL

Bcl : M/M
21 May 64

Klemm, H. and Wiegmann, K.
METALLOGRAPHIC OBSERVATIONS ON DIAMOND-
POLISHED SAMPLES (Metallographische Betrachtungen
an Diamantpolierten Proben). [1961] [10]p. 7 refs.
Order from SLA \$1.10 62-10725

Trans. of Werkstoffe und Korrosion (West Germany)
1960, v. 11, p. 739-743.

DESCRIPTORS: *Metals, Alloys, Electrolytic polishing,
Abrasives, *Industrial diamonds, Tests, Metallurgy.

(Metallurgy, TT, v. 7, no. 10)

62-10725

I. Klemm, H.
II. Wiegmann, K.

208234

Office of Technical Services

Infinitely Long Separating Tube With an End-Volume,
by Alfred Klemm, 19 pp.

GETTMAN, per; Z. Naturforsch, Vol IIIa, 1948,
pp 211-216.

ABC tr-3842

Sci -
Jan 60

104,894

(NY-6331)

East German - Czechoslovak Cooperation in the
Standardization of the Textile Industry, by
E. Klona, 5 pp.

GERMAN, per, Standardisierung, Vol VII, No 6,
Mar 1961, pp 1/304, 1/305.

JPRS 9346

EEur - Soviet Bloc

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Econ

Jun 61

~~K1000-11~~
SEGREGATION AND HEAT-RESISTING BEHAVIOR.
[1962] (18p. 7 refs.
Order form SLA 51.60) 62-14329

Trans. of Metall (West Germany) 1959, v. 13 [no. 8]
p. 752-759.

DESCRIPTIONS: Metals. Impurities. Heat resistant
alloys. Creep. Grains (Metallurgy). Fracture
(Mechanics).

The conditions of an ideal segregation and its function
(slip inhibition) for heat-resisting behaviour are out-
lined. The influence of degree of disorientation on
segregation is discussed in relation to strength prop-
erties at elevated temperatures. Cause and conse-
quence of fracture are observed on dislocation-
free wedges originating preferentially at large-angle
grain boundaries and the track of the main fracture
surface is related to these grain boundaries. Findings.
(Metallurgy-Structural, TT, v. 8, no. 4) (over)

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0202037

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BISI 1498

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Jan 60

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DESCRIPTORS: *Paper, *Production, Materials,
*Wood pulp, Cellulose, Wood pulp fibers.

(Materials--Paper, TT. v. 7, no. 3)

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1. Title: Lignocellulose
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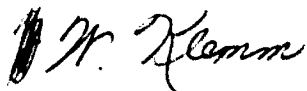
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[X.]. [1963] [32p] 57refs
Order from SLA \$3.60

TT-64-10119

Trans. of Z[schrift für] Anorg[anische und Allge-
meine] Chem[ie] (Germany) 1926, v. 152, p. 235-251.
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DESCRIPTORS: *Fused materials, Salts, *Chlorides,
Density, Electrical conductance, *Copper compounds,
*Thallium compounds, *Rubidium compounds, *Tin
compounds, *Zinc compounds, *Beryllium compounds,
*Yttrium compounds, *Lanthanum compounds,
*Scandium compounds, *Thorium compounds,
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Office of Technical Services